

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [1154] \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <961005171810\_75230.1405\_HHB64-1@CompuServe.COM>

If you think the OHR Group Buy being promoted by John is a good deal, read on....

Call this an "ANTI group buy" -- Milestone Technologies will MATCH the Group Buy prices, through Sunday the 13th, and there's more:

Shipping and handling charge will be only \$2 for PRIORITY MAIL to any destination in the US.

We'll PAY FOR THE CALL if you use our toll free number (800)238-8205 , and we accept AMEX and DISCOVER as well as VISA and MC.

We'll SHIP IMMEDIATELY-- none of this waiting for the end of the order period, sending an order one place and your money to another. Order a kit Monday and you could have it Wednesday.

This offer applies to any OHR kit we have in stock (which is most of them) and may be extended to others if there is sufficient interest. And don't forget we have the last Spirit-IIIs, which you can no longer get from OHR.

73  
Marshall  
AA0XI

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Tim Cook <timcook@erinet.com>  
Subject: [1196] AC-5 Tuner  
Message-ID: <32571746.3233@erinet.com>

thanks to all who responded, the tuner has found a new home....  
Tim  
NZ8J

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Greg Newberry <newberry@cyberhighway.net>  
Subject: [1191] Antenna capture area

Message-ID: <32571A7B.4F88@cyberhighway.net>

Hi,

I live in an area where I have to keep my antennas to a minimum. One of the areas of antenna that has always interested me was the 'capture area' of an antenna. In other words, the surface area of an antenna. Has anyone read any information that discusses the surface area or 'capture area' of an antenna and the effects of the design of the antenna on this 'area'?

For example, say a 130 foot dipole has the same surface area as a 1 foot square piece of thin metal. Aside from the impedance needs, how does the configuration of this surface area affect the antenna performance? I'm looking for some physics papers or studies on this but come up dry.

Assuming that the losses are nil, why do we have to use a dipole verses another arrangement whereby the radiating surface is more compact, offers the same radiation resistance, and can be matched well.

I hope this is a QRP topic, as many like myself are in situations where both power and the presence of a 'large' outdoor antenna may cause concern for others or break the rules.

Thanks for your comments

--

Greg Newberry

WB7DUO

[HTTP://www.cyberhighway.net/~newberry](http://www.cyberhighway.net/~newberry)

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996

From: "duane" <duane@flinet.com>

Subject: [1184] antennas

Message-ID: <199610052356.TAA07788@shell.flinet.com>

can anyone tell me if this will work for a 30 meter vertical.....I plan to cut an alum. tubing to 1/4 wave length. then mount it (vertical) so that the center conductor of a coax will be conected to it. I will then make some ground radials mounted (horz.) approx 1/8 wave length long underneath it. There would be 3 horz ground elements. my question is will it work , what diameter would the tubing need to be. and would it provide a match to a 50 ohm coax. I have no knowledge about antenna design.

thanks

Duane AB4BE

<http://www.flinet.com/~duane>

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: talljazz@teleport.com (Dan Presley)  
Subject: [1156] atlas 210  
Message-ID: <v01530501ae7c4cc2d9ad@[206.163.124.163]>

Any thoughts on the Atlas 210 as a mobile cw rig? I have a chance to pick one up for \$200. Any common problems to look for? Thanks-  
Dan N7CQR

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
Subject: [1170] bangin' on power poles  
Message-ID: <Roam.3.0.844547542.29820.myers@bigboy>

Keep in mind, it may make a difference who is doing the banging with a 10 pound hammer. The power company probably doesn't authorize just anyone to do it - employees are, presumably, authorized, but Joe Ham probably isn't. I'd sure hate to be held liable for a pole falling over just because I whacked it a few times with a sledge, but that strikes me a risk of doing so. It makes sense to get the power folks to come out and whack it - at their own risk.

Sure, there may be poles just waiting to keel over, either because they're termite eaten or cracked, but I'd still rather they keel over because of natural causes than because I was pounding on them.

Of course, it should take a lot more than a whack from a 10 pound hammer to knock the pole over, but I'd hate to have to pay to get that question addressed in court.

Never mind what a law enforcement officer might think if he saw you pounding on the pole - I doubt he'd be receptive to the "but officer I have a license" story. ;-)

Dana KK6JQ  
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: John Dundas <ab6dg@netcom.com>  
Subject: [1162] Cases for QRP projects!  
Message-ID: <Pine.3.89.9610051123.A22858-0100000@netcom22>

Shoppers alert! (but Calif. only)--

Fry's Electronics has, in today's Los Angeles Times ad, DB25 2 way switch boxes for \$3.49. That's cheaper than any swapmeet prices I have seen.

I have gotten these before, and find they make fine cases for QRP projects--tuners, rigs, whatever. They are about 2.5 x 6 x 3.5" (hwd). About the same as the St Louis Tuner, except for a little less depth.

This is a Southern Calif. ad, so not sure whether prices are good in NorCal Fry's also.

Highly recommended!

72/3  
John  
AB6DG

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Scott Bauer <ke3nv@erols.com>  
Subject: [1189] free, old manuals  
Message-ID: <199610060114.VAA26875@smtp2.erols.com>

Good evening,

I have 2 old manuals that I will mail free of charge to anyone that might need one.

- 1: Hallicrafters manual for the " Super Defiant " model sx25. It is dated Aug, 1945
- 2: Knight Kit T-150 transmitter by Allied Radio Corp. Not a complete manual, has tune-up procedures, some assembly instructions and the schematic.

I will hang on to these for a couple of days before trashing them.

72, Scott

.....

Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Stephen H. Ponder" <n5wbishp@blkbox.COM>  
Subject: [1181] Gel Cells  
Message-ID: <9610051840.aa28861@blkbox.COM>

I am relatively new to QRP'ing and have been reading my email lately, seeing occasional references to "gel cells" -- please forgive my QRP-ignorance, but what exactly is a "gel cell"?

Thanks for your answers!

72 de Steve, N5WBI

=====

N5WBI \* Stephen H. Ponder \* Houston, Texas \* Grid EL29kn  
ARRL \* QRP-L # 720 \* QRP-ARCI # 8229 \* 10-X # 65011  
n5wbishp@blkbox.com

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Jim Wilson-EJW012" <Jim\_Wilson-EJW012@email.mot.com>  
Subject: [1183] H-P 403B AC Voltmeter batteries?

From: Wilson-EJW012 Jim on Sat, Oct 5, 1996 7:51 PM  
Subject: H-P 403B AC Voltmeter batteries?

I picked up an H-P 403B AC Voltmeter last week, but it needs NiCd batteries. The manual calls for 4 NiCd batteries at 6.5 volts and 225 mAh. Since the nominal NiCd cell is 1.2 v, I'm not sure if I should use 7.2 v or 6.0 v. Anyone have one of these and know a source for batteries? Thanks, jim

-----

Jim Wilson  
3815 NW 72 Dr.  
Coral Springs, FL 33065-2244  
tel: 954-723-4532 (day); 954-341-3306 (eve)  
fax: 954-723-5064  
email: EJW012@email.mot.com  
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From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "William C. Robbins" <billrobb@serv01.net-link.net>  
Subject: [1134] HW-8 Help  
Message-ID: <199610050935.FAA06445@serv01.net-link.net>

I have a problem with an HW-8 that I am sure someone here can help with. It seem that the final amp is going into self-oscillation. With the rig powered and only receiving the final gets very hot. Receive is very good. When keyed, the meter deflects a little as if the driver is all thats coming thru. Something simple??

Thanks in advance

Bill  
William C. Robbins, WA8CDU \*\*\*Heathkit Collector\*\*\*  
billrobb@serv01.net-link.net

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: w8lrm <w8lrm@qtm.net>  
Subject: [1192] Info on G5RV antenna  
Message-ID: <325B0F69.16F2@qtm.net>

Hi gang

This is a first post to the group tho I have been a member since April or May. Does anyone have a copy of the original article by Louis Varney G5RV ?? I believe it was in the November 1966 RSGB Bullitin. Or perhaps the URL for RSGB.

Thanks...de....W8LRM

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996

From: bfollett@ditell.com  
Subject: [1150] Jay's Freezer Idea for FYBO Test  
Message-ID: <199610051644.KAA00235@orion.ditell.com>

Gang:

If you haven't kept up with the saga:

>> After putting the Yaesu FT-757 (all wrapped in plastic), the  
Wilderness> Sierra & the GM-20 , in the freezer, to find out what the  
frequency drift > errors were, after a period of time, in preparation  
for FYBO-QRP AField, [ SNIP ]  
> Has anyone else tried this ? Where they allowed back into the House  
?

<<Jay, get help. Now. We'll pass around a hat at tomorrow's  
meeting to raise money for the treatment. :-) :-)>>

Hey, maybe you op's in the Southern states could up your multiplier by  
operating with your hand, keyer & rig IN the freezer...

73, Bob

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Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: bcutter@teal.csn.net (Bob Cutter)  
Subject: [1159] Joy of QRP  
Message-ID: <199610051810.MAA00697@lynx.csn.net>

I have one extra copy of "Joy", excellent shape. Prefer trade but would sell?

72, Bob KI0G  
QBF? ZUE

Bob Cutter, .....Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: VE3JC John <jbcumming@wwdc.com>  
Subject: [1190] Just to Introduce myself...  
Message-ID: <3257164B.52A9@wwdc.com>

Hello to all-

I have been enjoying qrp-1 for several weeks now - like a kid in a candy store! Have been very interested in QRP since I was first licenced as VE3KGL in 1978. However the demands of family (xyl and four kids, now all "teenagers"), work, and other commitments (I am a cub scout leader and involved in local environmental group) have limited my ham radio time.

Have had two HW-9's over the years - had a lot of fun adding mods, crystal filters, etc. I presently have a QRP+ (one of the older ones) which I really enjoy using on canoeing, backpacking and cycling trips. It's obviously heavier and bulkier than the wonderful assortment of kit radios around, but I find that the versatility of the Index Labs rig makes it worth lugging the extra couple of pounds!

I also have an ill TenTec PM-2 that I picked up at a flea market recently - it needs a bit of work, so I might be looking for help. (Are there many of these rigs still around ?)

Hope to meet you on the bands (maybe f.y.b.o.!) - My only fear about finding qrp-1 is that I'll be reading so much interesting stuff that I won't find time to operate any more!

73

\*\*\*\*\*

VE3JC - JOHN CUMMING  
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: talljazz@teleport.com (Dan Presley)  
Subject: [1161] KC2 confusion  
Message-ID: <v01530502ae7c610b9dc2@[206.163.124.163]>

I'm installing the KC 2 to my Sierra, and have some questions- I checked the Norcal website for corrections. but I'm still confused!(it doesn't take much!).

The manual says to cut the keyline connection from the rig to the key jack (pg.6), but in the appendix "e", it says to just connect the line from the kc2 to pad "K" -do I still need to disconnect to keyline to the jack? Shouldn't it stay connected!!? Also, what about the S meter connection? The update says not to use pad "S", but to use an "AF" output-is this still pin



5 of U3, or the "AF" pad on the board? Any help appreciated!  
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: bfollett@ditell.com  
Subject: [1147] Kite Antennas  
Message-ID: <199610051539.JAA31793@orion.ditell.com>

Gang:

I found an interesting, and detailed approach to flying kite antennas.

Check out:

[www.kitesantenna.com](http://www.kitesantenna.com)

73, Bob

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)  
Subject: [1124] Morsum Magnificat URL -> needs "www" (fwd)  
Message-ID: <632@wilkes.ak.planet>

What a plonker !!  
I forgot the www bit  
sri < hangs head in shame >

FORWARDED MAIL -----

From: rcmcc@cc.bellcore.com (ronald c mcconnell)  
From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: newberry <newberry@cyberhighway.net>  
Subject: [1163] MXM rig by MXM Industries  
Message-ID: <3256C0B3.6948@cyberhighway.net>

Hello,

I tried posting this and I don't think it went thru. If two show up you

may flog me publicly<G>

Has anyone here used the MXM TXR-XX rig from MXM industries. Its built by Bruce Williams and I would like to hear any pro's, con's and comparisons to other rigs. I am very new to QRP and want to get a qrp kit asap.

Thanks for your help.

Greg Newberry  
WB7DUO

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: kd7s@psnw.com (Bill Jones)  
Subject: [1195] Need help with NE-4040  
Message-ID: <199610060202.TAA29348@sierra.psnw.com>

Okay, so I messed up. I built an NE-4040 from scratch using a severely under-etched Far Circuits PC board. I cleaned the board up well and am confident there are no solder or copper bridges nor broken traces.

Here's the problem. The receiver works flawlessly (lots of audio, by the way) but the transmitter is giving me fits. When I align the bandpass filter following the transmit mixer, U5, I get a nice sharp peak right at 7.040 mhz. However when I increase the drive with R2, I get an amazing combination of different frequencies at the output of the low pass filter. They vary each time I check the output with my frequency counter but seem to fall somewhere between 7.3 and 7.5 mHz most of the time. I pulled all the components associated with the bandpass filter and checked them with my Autek RF-1. Everything is where it should be. I used the proper parts including toroid cores and capacitor types. The only substitutions were a 2N4401 for Q2, the VF0, and a 2N3053 for Q6, the PA.

Can anyone suggest a fix?

=====  
Bill Jones - KD7S <><  
Sanger, California  
Reply to kd7s@psnw.com  
=====

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Steve Miller <kg7pv@teleport.com>  
Subject: [1158] Norcal 40A xtals

Message-ID: <1.5.4.32.19961005175233.00669160@mail.teleport.com>

Hi,

After reading Chuck's msg on matching xtals I ordered 20 xtals from Digikey for my Norcal 40A (already built and working fine) just for fun. Wanted to see how tight I could match them - and then I had a reason to build an xtal matching circuit. I first built the "Improved Crystal Tester" (73 Jan 1992) and checked the xtals. Had trouble getting a stable reading on some of them so I built the "Simple Crystal Activity Tester (73 Aug 96) and tested them again. The SCAT gave very stable readings so checking was fast. My Startek counter needed to pick the signal off C3 not C6/R4 as shown on the schematic so I added a switch for "dual output" in case I ever get another counter. I have not pulled the xtals out of the rig to check them but will some rainy day this winter. Here are the results (the freq measured by the tester differs from the marked 4.9152 since it is not in a resonant circuit):

5 - 4.91374 !! I'll use these in the rig.

4 - 4.91379 to 4.91381

The other 11 varied from 4.91362 to 4.91391 with no groups bigger than two within 40 hz. What fun.

73

Steve Miller (CN-85) Norcal #308 QRP-L #109 ARCI # 9230  
Norcal 40A es Oak Hills Spirit II es dipole

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996

From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>

Subject: [1167] NorCal Exec?

Message-ID: <Pine.A32.3.93.961005155831.32582A-100000@freenet.npiec.on.ca>

Hi Guys.

I hope that there is somebody around that could find the answer for me from Jim. I sent in my renewal, but the cheque has yet to be cashed (dated 1st week of July.) Can anybody help me find out if he recieved it (No QRPp here yet) and if I need to get him another cheque cut.

Tnx es 73/72

Jeff - VA3JFF, NorCal #1304

=====

L. JEFFREY HETHERINGTON

Niagara Falls, Ontario, Canada  
E-Mail : jhetheri@freenet.npiec.on.ca

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Marshall Emm <75230.1405@CompuServe.COM>  
Subject: [1149] OHR Spirit-- Last Chance  
Message-ID: <961005013244\_75230.1405\_HHB42-2@CompuServe.COM>

It wasn't long ago that the Oak Hills Explorer II was superseded by the OHR100, and the last half dozen found homes with list members. Turns out the OHR Spirit II is another such casualty of progressive marketing. The Spirit has been a great kit and a great rig, but then again it was \$169.95, or \$10 MORE than the new 100.

What distinguishes the Spirit-II? It's the same size as the OHR 400, meaning fairly large. On the one hand it's probably too big for back-packing. OTOH it's got plenty of real estate so building is easy, and the wired connectors/controls make modifications easy. Also note, for those of you who (like me) don't much care for the current generation of varicap diode tuned VFOS, the Spirit has vernier drive air variable main tuning cap. Very sensitive receiver, of course, and a full 5W output.

I've obtained the very last three Spirit-II's from Oak Hills, two on 80M and one on 20M, and can offer them at \$140 each. You guys get first crack at them. Shipping is \$5.50 which covers Priority Mail delivery. To order yours, call me on 1800-238-8205, or send an e-mail credit card order to me at 75230.1405@compuserve.com or via my web page-- <http://ourworld.compuserve.com/homepages/mtech>

Don't delay, because they won't last. There are only three so there's not much point trying to arrange a "fairness system" but I'm posting this late Friday to give the Saturday morning digest readers a chance.

73  
Marshall  
AA0XI

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Jeffrey M. Poulin" <jpoulin@erols.com>  
Subject: [1136] Old CQ Magazine: My Thanks  
Message-ID: <199610050952.FAA03380@smtp2.erols.com>

Dear Gentle People:

I was looking for a back issue of CQ that our library and local club no longer had. Twelve hours after I posted my request here, I had a couple of offers to send it. With that taken care of, please don't anyone else waste your time looking.

I've been on this list for about a week. The amount I have learned is staggering. (Admittedly, I was starting at a pretty low level. Hi) The willingness to help newcomers and the enthusiasm in this group for new projects is partly what drew me to amateur radio in the first place. As several new members have remarked: This group is great!!

Thanks again.

Jeff/KF4JSV QRP-L #743

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Jeffrey M. Poulin" <jpoulin@erols.com>  
Subject: [1137] Old CQ Magazine: My Thanks  
Message-ID: <199610050959.FAA03421@smtp2.erols.com>

Forgot to mention in my previous message. The article Brian is sending me is on a helical wound portable antenna that worked well with a QRP rig. If I can make it work (once I have my hf rig going) it should be perfect for field day and for demonstrating at local schools what a little radio using littler power can accomplish.

Thanks again for all the help on this list.

Jeff/KF4JSV

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [1127] Operation Report Suggestion  
Message-ID: <19961004.230246.7167.0.kb0rol@juno.com>

Doug, Paul and Gang

Just read the post by Doug - KI6DS and reply from Paul NA5N. Doug suggested we all include our QTH when we post so when we hear about a great contact we know both points of the QSO, Paul came back with "Good

suggestion". It was great but you know neither of them signed off with their QTH 8^o.

Now I know Doug is from that little state along the left coast and Paul is just south of me. Sure those arn't big states like Alaska but it would be nice to know where in the state they are. Helps me find it on a map.

Thanks

Brad Mugleston - KB0ROL  
Colorado QRP Club # 170, QRP-L #316, ARRL  
QTH - Aurora, CO - DM79oq  
KB0ROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: blair thompson <blairt@planeteer.com>  
Subject: [1133] Outbacker  
Message-ID: <3255F70F.1B65@planeteer.com>

This is my first posting to this list, and I have enjoyed lurking for the past couple of weeks.

I was wondering whether any members of the group have had any experience at qrp levels with the Outbacker vertical in a "non-mobile" situation, i.e. at home or condo, and how they devised a satisfactory ground plan to sub. for the vehicle body. I recall a 73 or CQ article a few years back where the Outbacker was adapted for home use with cement, foil, and a flower pot of sorts.

As for a rig, I haven't any kit-building experience, although a Micronaut kit purchased a few months ago still sits in its ziploc bag, awaiting my oafish attempts at assembly and soldering.

Enjoying the list.

Blair Thompson, VE7HHH.

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: bfollett@ditell.com  
Subject: [1146] Passed the Extra!  
Message-ID: <199610051539.JAA31789@orion.ditell.com>

Gang:

This morning it did it! Passed the Extra!

Thanks to all who have offered code practice advice.

In a week or so, I will be AB7..

Giving up a 30 year old call sign is tough, but what the hey, it doesn't send that well on CW.

73, Bob

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Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>  
Subject: [1131] PLL lock up time  
Message-ID: <3255f7ea.pandora@pandora.lugs.org.sg>

Hi Gang,

I am messing around with a PLL design and was wondering if anyone can tell me how to reduce the PLL settling/lockup time for a give step size. Ie. in my design I am finding that the frequency takes a long time to settle, and even after settling it seems to 'waver' around the set frequency. The circuit is implemented in the discrete. Would appreciate any general guidelines and things to lookout for. Thanks.

73 de 9V1ZV Daniel

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\*-----+-----+  
| Daniel Wee | daniel@pandora.lugs.org.sg |  
| 9V1ZV | danwee@singnet.com.sg |  
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |  
+-----+-----+

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Scott Bauer <ke3nv@erols.com>  
Subject: [1176] power supply question  
Message-ID: <199610052332.TAA19745@smtp2.erols.com>

Good evening folks, I have 2, 24/48 volt regulated power supplies. They give 2.5 amps at 24 volts and 1.25 amps at 48 volts DC. I wonder if anyone would be

able to give advise on how to get them down to 12 volts. They came out of an old telephone system at work and are in really nice aluminum boxes about the same size as the St.Louis tuner. Any help would be appreciated.

Thanks from the " rookie " , 72, Scott

Ps, I have a Heathkit DC power supply that I will give to the first person that comes up with the postage. I dont know if it works. It was given to me. The model number is, HP-13A. Approx weight is between 4 and 6 pounds. ..  
.....  
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352

Scott Bauer ke3nv@erols.com

.....

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Dave Hockaday <wb4iuy@ipass.net>  
Subject: [1164] powerline noise location  
Message-ID: <199610051918.PAA05069@passport.ipass.net>

>>An easier way is to get an el-cheapo pocket transister radio with AM. Tune  
>>to the low end of the band and walk around until you find the offending  
>>pole. I wouldn't let the power company see you whacking a pole with a  
>>sledge hammer!!

>

Hi John and gang. I wanted to comment on the "whacking of poles" with hammers. I did this recently in an effort (and it worked) to locate a noisy pole. I used an AM broadcast rx tuned to a clear frequency where I could only hear the noise, and "Whacked away" :-)

I posted my efforts on the Top Band reflector (the noise was killing me on 1.8mhz!), where a few people immediately said "Don't do that!". I thought "maybe they're right", and didn't do it anymore.

My powerline noise problems have led me to communicate with the FCC, The NC Public Utilities Commission, the Rural Electrification Authority, ARRL regulatory, two different RFI teams with other utility companies, and



engineers with several co-op's. Interestingly enough, both RFI teams, and several engineers with local utility companies and co-op's told me that the "big hammer/am receiver" method was used very often and considered to be a correct method and was commonly used for locating noisy hardware. When I mentioned to these various professionals about one I-net commenter's fears of the mechanical shock of the hammer causing the wires to break, they were unanimous in their responses: "It'll take a lot more than a 5 pound hammer to bring wires down". I spent part of the day again yesterday with the utility lineman in my area (their second trip this week to fix this noisy area), i noted that his investigative tool of choice was...yep! A 10 pound sledge hammer and his truck-mounted AM rx!

Here's to low noise and good QRP dxing!

72

73 de Dave Hockaday WB4IUY  
Youngsville, NC  
wb4iuy@ipass.net

<http://www.ipass.net/~wb4iuy/>  
<http://www.ipass.net/~hockaday/>  
<http://www.ipass.net/~teara/>  
<http://www.geocities.com/TheTropics/3349/>  
<http://www.RTPnet.org/~fcarc/>  
<http://www.RTPnet.org/~rdrc/>

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: newberry <newberry@cyberhighway.net>  
Subject: [1157] QRP receiver performance specs?  
Message-ID: <3256AB34.4D9E@cyberhighway.net>

Marshall Emm wrote:

>  
> If you think the OHR Group Buy being promoted by John is a good deal, read  
> on....  
>  
> Call this an "ANTI group buy" -- Milestone Technologies will MATCH the Group Buy  
> prices, through Sunday the 13th, and there's more:  
>  
> Shipping and handling charge will be only \$2 for PRIORITY MAIL to any  
> destination in  
> the US.  
>

> We'll PAY FOR THE CALL if you use our toll free number (800)238-8205 , and we  
> accept AMEX and DISCOVER as well as VISA and MC.  
>  
> We'll SHIP IMMEDIATELY-- none of this waiting for the end of the order period,  
> sending an order one place and your money to another. Order a kit Monday and  
> you could have it Wednesday.  
Hi,

This is my first formal post, hope it gets thru ok...

I would like to know if any serious testing has been done on the popular QRP rigs? Like noise floor, two tone dynamic range testing, sensitivity etc. Like a lab would do on a commercial receiver. From all the good I've heard, it would be interesting to compare these little receivers to what the mega-buck rigs now have. Just curious..

I am new to QRP and just made my first CW contact last night after about 2 1/2 years. Moved and just never put up an antenna. Hard to beleive huh!

I've been a ham for 16 years and still love it, with CW/RTTY being my favorite modes. Although not an expert, as well would love to share in anyway I can. I've done a lot with antennas in the past, and work as a Network Specialist. I don't know how many of you use PC's but I've worked with them for about 13 years now. Would be glad to share any little bit I can.

This is a wonderful place to learn, and I've soaked in alot already.

Thanks  
Greg NEwberry  
WB7DUO

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "William C. Robbins" <billrobb@serv01.net-link.net>  
Subject: [1135] Rare Foxes  
Message-ID: <199610050936.FAA06462@serv01.net-link.net>

Just wanted all to know that up here in Michigan the Foxes are also scarce. 40 seemed very long Thursday nite. Heard many western stations calling but nothing from Wisc.

Bill  
William C. Robbins, WA8CDU \*\*\*Heathkit Collector\*\*\*  
billrobb@serv01.net-link.net

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1129] Skunked or outFOXED ?  
Message-ID: <199610050616.XAA03919@primenet.com>

Gary (KJ5VW) wrote:

> After two nights of hunting foxes and not hearing either one  
> I beginning to wonder if the California crowd is taking revenge  
> on good ol Chuck and "sucking" all the RF out of Texas to the  
> West Coast?  
>  
[ SNIP ]  
>  
> Conclusion: It can't be blamed on the band conditions. Must  
> be the Californians extracting revenge!!!!

Whew! Nobody suspects the Arizona connection in the  
conspiracy.... :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

Sifting through my piggy bank for the OHR group purchase....

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1186] Subject: Re: Jay's Freezer Idea for FYBO Test  
Message-ID: <199610060043.RAA01727@primenet.com>

Howdy All,

Me again. (I really do have a life, I swear!)

Jeff (WB5GWB) wrote:

> Remember, the Arizona ScQRPions themselves came up with the Freeze Your  
> B\_\_\_\_\_ Off Winter QRP Field Day concept!! Let's \*insist\* that they put  
> their B\_\_\_\_\_ where there..... Oh, never mind. They'd have to go down to  
> the Sizzler to find a big enough freezer :-) :-) :-)

Ok, Ok, I knew some of you snow-bound types would get persnickety. :-) :-)  
Just to let you soon-to-be-frozen folks know that we feel your pain,  
Mike NQ7K - or is it NQ7X... Aw, who can tell anymore? :-) and I are  
planning a snow camping expedition for the FYBO. We'll be at about 6000-  
7000 ft in northern AZ, under the trees and exposed to the elements. So  
we'll be freezing along with the rest of you northerners. The only  
difference is that when we're done, we're coming over to my house to  
swim in the pool, work on our tans, maybe have dinner on the patio while  
we work the CQC contest, etc. But we'll be thinking about you. :-)

> Anyway, I do applaud the ScQRPions' innovation in coming up with this  
> winter contest idea, and I'm making \*my\* plans now. BTW, the family will  
> be freezing with me for moral support (and added heat).

Great! But does your family know about this yet? :-)

> I do, however, need help with a rules interpretation: Do natural heat  
> sources bring down your multiplier? My over-active kids generate untold  
> kilocalories :-)

Just make sure they stay away from your station. :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Robert Paschal <r-paschal@worldnet.att.net>  
Subject: [1172] Whiterook Paddle  
Message-ID: <19961005210204.AAA15440@LOCALNAME>

I'm returning to CW and HF via QRP after a looong absence (before iambic)  
and am looking for a single lever paddle - non-iambic. N4BP's message of 10/2  
got my attention. I have e-mailed to him direct for info but would also  
like to hear from anyone who has info on this paddle - what it is, where to  
get it - etc. Also info on any other paddles of this type. The one I used  
in the past was, I believe, the "Ham Key" which I understand is no longer made.

Thanks,

Bob Paschal AA0MC Tacoma, WA

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Jim Wilson-EJW012" <Jim\_Wilson-EJW012@email.mot.com>  
Subject: [1182] WTB: H-P Step Attenuator

From: Wilson-EJW012 Jim on Sat, Oct 5, 1996 7:49 PM  
Subject: WTB: H-P Step Attenuator

I am looking for a source for an H-P 50 Ohm Step Attenuator -- something in the 0-110dB range. Any leads?

-----  
Jim Wilson  
3815 NW 72 Dr.  
Coral Springs, FL 33065-2244  
tel: 954-723-4532 (day); 954-341-3306 (eve)  
fax: 954-723-5064  
email: EJW012@email.mot.com  
-----

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "John Shuster" <jshuster@ix.netcom.com>  
Subject: [1171] Re: \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <199610052045.NAA04073@dfw-ix8.ix.netcom.com>

To everyone on QRP-L:

I was going to ignore it, but I HAVE to respond to Marshall Emm's post.

Marshall Emm wrote:

> If you think the OHR Group Buy being promoted by John is a good deal,  
read  
> on....  
>  
> Call this an "ANTI group buy"

I am not "promoting" anything. I have no business interest in OHR. I have plenty of nice things to say about all the QRP rigs I have from OHR, Wilderness, EMTECH, MFJ, etc. I do this as a service for everyone on QRP-L. This is the 4th group buy I have put 60+ hours into coordinating, not to mention the long distance phone charges I pay from Seattle to Michigan to make sure everyone's order is complete. I'm glad to provide this service and negotiate pricing with Dick to save us money that we can spend on other projects.

Marshall Emm continues:

> We'll SHIP IMMEDIATELY-- none of this waiting for the end of the order period,  
> sending an order one place and your money to another. Order a kit Monday and  
> you could have it Wednesday.

This is an outright misrepresentation. All kits on this group buy will ship IMMEDIATELY. That's how I arranged it with Dick at OHR. I just called OHR to make sure of this. Dick has received credit card payment for six orders already. He is working on Saturday afternoon - packing our orders. They will go out UPS first thing Monday morning.

As I mentioned in the group buy announcement, the only delay will be with the new and improved SCAF filters that Dick has redesigned.

We are getting the latests versions of all kits, factory fresh, from the fully-stocked manufacturer.

That's how I arranged it, and that's how it is.

John Shuster

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Ed Tanton N4XY <n4xy@avana.net>  
Subject: [1173] Re: \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <3256C023.2CD3@avana.net>

Hi John... there's always SOMEONE who is going to make something out of nothing, or something else out of something. It is also possible that NOTHING was meant by the other offer, and it was simply a try at offering the same thing-with perhaps a bit too much 'salesmanship'. I hope that you will not be deterred from such activities in the future. It was good of you to do this, and-even though I did not participate THIS time-I appreciate your taking the time and trouble. Regards & 73

--

Ed Tanton N4XY (770) 579-3933 Voice / MBX / FAX Marietta, GA  
QRP-ARC GQRP OKQRP QRP-L AdvRC ARRL AMSAT NCDXA INDXA  
email: n4xy@avana.net URL: Coming Soon

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Marshall Emm <75230.1405@compuserve.com>

Subject: [1174] Re: \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <961005213733\_75230.1405\_HHB48-1@CompuServe.COM>

Hi, John--  
(cc the list)

>> I'm glad to provide this service and negotiate pricing with Dick to save us money that we can spend on other projects.<<

I've been providing a service too, and if anybody thinks I'm making a fortune at this they're welcome to it!  
I became an Oak Hills Dealer after the initial group buys, one of which was co-ordinated for CQC by yours truly.

I've made a substantial investment in this business, and will continue to attempt to provide a high level of service despite the fact that Dick has recently changed his "dealer" program and increased prices. I'm trying to survive a situation where OHR is prepared to by-pass and undercut their dealers with group buys. Dick makes more money by offering a discount and getting people like you act as his salespeople free. Fine, but don't begrudge me the right to compete.

Calling my comments about immediate shipping "misrepresentation" was a bit strong-- previous group buys have included the stipulation that nothing ships till the minimum order quantity is reached, and your notice did not state otherwise, only that the buyer was to arrange payment and shipping with OHR.

>>he is working on Saturday afternoon - packing our orders. They will go out UPS first thing Monday morning.<<

That's more like what I was referring to-- an order received here Saturday morning would go out the door on Saturday afternoon by Priority Mail and be in the buyer's hands Monday or Tuesday most places.  
Not Monday UPS ground which can take a week. Fast service, toll free ordering, and additional credit card options are services I offer all the time, not just for a special period.

If you're not promoting anything, John, why are you so concerned about a little competition? It can't work both ways. I will make a little money from this, and I'm quite prepared to admit that. This is business. But if you're not getting anything out of it, what difference does it make whether a member buys from me or from OHR?

73  
Marshall  
AA0XI

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Hank Kohl <k8dd@tir.com>  
Subject: [1194] Re: \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <2.2.32.19961006004008.006df560@tir.com>

Seems to me this should be kept to personal e-mail ..... Not bring it  
all out in front of the group for a verbal sparring match.

Now that I've said that, I'm going to Akron, OH for a couple of days for  
work. Flames may be directed to k8dd@juno.com

I'll be staying at the Quaker Square Hilton on Broadway. Don't know yet  
how long/late we'll be working, but if there are any QRP types around  
there, I'd be glad to buy a brew (Pepsi/Coke/Millers/etc brew!).

73 Hank K8DD

k8dd@juno.com for the next few days

\*/ Hank Kohl K8DD k8dd@contesting.com <---- new  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "John Shuster" <jshuster@ix.netcom.com>  
Subject: [1199] Re: \*NEWS FLASH\* OHR GROUP BUY  
Message-ID: <199610060326.UAA23018@dfw-ix5.ix.netcom.com>

Hi Hank:

I wanted to make sure that people knew that their kits would ship  
immediately.

No further words from me on this issue.

John



++++++  
Father John Shuster, Married Roman Catholic Priest   jshuster@ix.netcom.com  
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9   A Free Referral Service  
At the foot of the Olympics in little Port Orchard, WA  
KC7CKP AE   ARCI 8951   QRP-L 554   ARS 36   NW QRP 346   WWDXC   ARRL  
++++++

-----  
> From: Hank Kohl <k8dd@tir.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: Re: \*NEWS FLASH\* OHR GROUP BUY  
> Date: Saturday, October 05, 1996 5:40 PM  
>  
> Seems to me this should be kept to personal e-mail ..... Not bring it  
> all out in front of the group for a verbal sparring match.  
>  
> Now that I've said that, I'm going to Akron, OH for a couple of days for  
> work. Flames may be directed to       k8dd@juno.com  
>  
> I'll be staying at the Quaker Square Hilton on Broadway. Don't know yet  
> how long/late we'll be working, but if there are any QRP types around  
> there, I'd be glad to buy a brew (Pepsi/Coke/Millers/etc brew!).  
>  
> 73       Hank   K8DD  
>  
> k8dd@juno.com       for the next few days  
>  
> \*/       Hank Kohl   K8DD       k8dd@contesting.com       <---- new  
> \*/       MI-QRP - Vice Pres.   QRP-ARCI - Director  
> \*/       G-QRP   ARRL/LM       QCWA/LM       QCAO/LM  
>  
>

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Mike Duke <gmduke@oscar.TECLink.Net>  
Subject: [1126] Re: Alda 103  
Message-ID: <Pine.SOL.3.91.961005001508.13942C-100000@oscar.teclink.net>

If I remember correctly, that radio was a late 70s spin off of Atlas that  
ran 100 watts. I've only known one ham who owned one. He ran it mobile  
with good signal for many years.  
73, WB5ADC

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [1188] Re: antennas  
Message-ID: <Pine.SUN.3.91.961005185830.13144A-100000@kitsune.swcp.com>

On Sat, 5 Oct 1996, duane wrote:

> can anyone tell me if this will work for a 30 meter vertical.....I plan to  
> cut an alum. tubing to 1/4 wave length.  
> then mount it (vertical) so that the center conductor of a coax will be  
> conected to it. I will then make some ground radials mounted (horz.) approx  
> 1/8 wave length long underneath it. There would be 3 horz ground elements.  
> my question is will it work , what diameter would the tubing need to be.  
> and would it provide a match to a 50 ohm coax. I have no knowledge about  
> antenna design.  
> thanks  
> Duane AB4BE  
> <http://www.flinet.com/~duane>  
>  
>

Hi Duane, your antenna should work fine. Is that all the radials you can put out? Think about putting the ant. on your roof and using 1/4 radials. This would be the most efficient way. Also, most of us dont want to mess with a tuner for a single band ant. and your transistor rig will like to see 50 ohms impedance. The impedance of the antenna you described will be fairly low. One way of bringing the impedance up is to shunt the ant. to ground with an inductor or capacitor. I prefer the inductor method. Because the inductor has a loading effect you need to shorten your vert. by about 2-3%.  $234/\text{freq.} \times .97$ . You need about 1uh of inductance for the matching. About 11 turns of #14 3/4" in dia. and 1.5" long. Some adjustment will probably be needed in vert. length and matching coil but this should get you in the ballpark. Good luck with it and 72 Tom  
WB5Q  
YT

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1130] Re: Fox #2: High stress hamming  
Message-ID: <199610050620.XAA04114@primenet.com>

Mike (K1MG) wrote:

> Whew! I'm not sure my nerves are gonna take it.

>  
[ Harrowing account of Fox hunting deleted ]  
>  
> Is this fun? Or is it torture? Or is it tortuous fun?

Yes. :-)

My ears were still ringing the following morning. I had the volume on my QRP+ maxed out, the filter cranked down to 100Hz, and my ear was literally pressed against the speaker. Brian was in the noise for the first 40 minutes, not even a 219. I was in pain. Deep hurting (for you MST3K fans... :-) But I could barely make him out. Just enough to string me along.

This was made worse by the fact that, while straining to hear Brian with all my might, an occasional station would sneak in zero-beat on my filter at what seemed like S9+30, right into my unsuspecting ear. You'd think I'd have figured it out after falling out of my chair the first dozen times. :-)

For an eternal 40 minutes this wicked comedy played itself out at my expense. If I could work him, I'd tie my all-time total from last year. But hope was fading. My pain threshold has its limits. Then, miraculously, Brian's signal lept up out of the noise. A very readable 429, but it seemed like 599 compared to what I'd been copying. Sent my call, crossed my fingers - bingo! Brian came through. Wahoo! For the next 2-3 minutes he was loud enough that I could hear him in the kitchen down the hall (had to celebrate with some ice cream), then down into the noise he plunged, never to be heard again. A very brief appearance for which I was lucky enough to be present for.

Moby Dick. The Old Man and the Sea. There was a Ham. There was a Fox. Call me Ishmael. Check please.

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>

Subject: [1123] Re: Fox Hunt  
Message-ID: <199610050507.WAA25745@primenet.com>

Jay (WA5WHN) wrote:

> Did I get the Fox ? No. I was having too much fun chatting  
> with Glenn & John, but that is a typical QRP contact. Anyone  
> notice that we are one of the few groups, within the Hobby,  
> while during a contest, will actually talk to each other? So,  
> I missed NE9K, but still had fun. Hey, maybe next time.

Jay brings up an excellent point - there are some great  
QSOs to be had on Fox nights whether or not the Fox happens  
to wander into your part of the spectrum. With that many  
QRPers wandering the band at the same time, it's like  
fishing in an underfed aquarium. :-)

So even if you go Fox-less, don't forget to call CQ a few  
times and see who's out there. Worked a Tech+ last night  
who was pretty excited about his first QSO with Arizona.  
Previous Fox night I had the pleasure of meeting a QRO op  
who dropped down to 5 watts just to see what it was like.  
We'll take over slowly, one ham at a time.... :-)

> With over 850+ Hot Balloons, airborne, this weekend.

Yes, but how many will be trailing a long wire and  
working QSOs? :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1125] Re: FYBO & VFO Drift errors @ -1 degrees Celcius  
Message-ID: <199610050512.WAA26019@primenet.com>

Jay (WA5WHN) wrote:

> After putting the Yaesu FT-757 (all wrapped in plastic), the Wilderness  
> Sierra & the GM-20 , in the freezer, to find out what the frequency drift  
> errors were, after a period of time, in preparation for FYBO-QRP AField,  
[ SNIP ]

> Has anyone else tried this ? Where they allowed back into the House ?

Jay, get help. Now. We'll pass around a hat at tomorrow's meeting to raise money for the treatment. :-) :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1141] Re: FYBO & VFO Drift errors @ -1 degrees Celcius  
Message-ID: <325658D1.58A9@ix.netcom.com>

I have this image of him huddled in the freezer operating those rigs.  
Sounds cramped.

Guess he's into Winter in-the-snow locales; not my bag!

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Hank Kohl <k8dd@tir.com>  
Subject: [1193] Re: Ground for vertical  
Message-ID: <2.2.32.19961006004010.006cc074@tir.com>

>  
>If I get over 500 requests, I'll post it to the list.....not.  
>

Well, I didn't. But I think I replied to everyone who requested it. If I missed anyone, please let me know and I'll send it out.

Also, I have put the whole thing on the MIQRP page at:  
<http://www.geocities.com/capecanaveral/2844/miqrp.htm>

73 Hank K8DD

k8dd@juno.com for the next few days

\*/ Hank Kohl K8DD k8dd@contesting.com <---- new  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director

\*/        G-QRP        ARRL/LM        QCWA/LM        QCAO/LM

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>  
Subject: [1155] RE: History of QRP and Joy....  
Message-ID: <199610051722.NAA62055@nss2.CC.Lehigh.EDU>

Ade responded:

Forwarded message:

> Date: Sat, 5 Oct 1996 0:26:10 -0500 (CDT)  
> From: "A. Weiss W0RSP" <AWEISS@charlie.usd.edu>  
> To: jaevans@acatst01.cos.cst.titan.com  
> Cc: AWEISS@charlie.usd.edu  
> Message-Id: <961005002610.813e7@charlie.usd.edu>  
> Subject: RE: History of QRP and Joy....  
> Status: RO  
>  
> Hi John:  
>  
> Yes, many copies of HSTORY OF QRP but no JOY. The  
> HISTORY is \$15 postpaid (\$11 seniors).  
>  
> Can be order from: Ade Weiss, 526 N. Dakota St. Vermillion, SD 57069  
>  
> Thanks for the inquiry. 73, Ade  
>

-----  
John A. Evans                      Chief System Administrator  
Office: (719) 528-1800 x164        Titan Client/Server Technologies  
Fax:     (719) 528-1275            1115 Elkton Dr, Suite 200  
email:   jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535  
-----

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Jeff Casey <WB5GWB@sprynet.com>  
Subject: [1179] Re: Jay's Freezer Idea for FYBO Test  
Message-ID: <199610052355.QAA22808@m7.sprynet.com>

On Sat, 5 Oct 1996, bfollett@ditell.com wrote:

>

>Hey, maybe you op's in the Southern states could up your multiplier by  
>operating with your hand, keyer & rig IN the freezer...

Great idea Bob, except that, to be true to the letter and spirit of the contest rules, having them put their \*hand\* in the freezer will not suffice. Remember, the Arizona ScQRPions themselves came up with the Freeze Your B\_\_\_\_ Off Winter QRP Field Day concept!! Let's \*insist\* that they put their B\_\_\_\_ where there..... Oh, never mind. They'd have to go down to the Sizzler to find a big enough freezer :-) :-) :-)

Anyway, I do applaud the ScQRPions' innovation in coming up with this winter contest idea, and I'm making \*my\* plans now. BTW, the family will be freezing with me for moral support (and added heat). I do, however, need help with a rules interpretation: Do natural heat sources bring down your multiplier? My over-active kids generate untold kilocalories :-)

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS QRP-L  
EMPS QS0s=5 STATES(w/c)=5/0 DX=0

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Bob Edwards <rbe@atlanta.com>  
Subject: [1197] Re: Just to Introduce myself...  
Message-ID: <325747A0.54CF@atlanta.com>

VE3JC John wrote:

>..... Hope to meet you on the bands (maybe f.y.b.o.!) - My only fear  
> about finding qrp-l is that I'll be reading so much interesting stuff  
> that I won't find time to operate any more! .....

Know what you mean, and welcome aboard. Any guess what your temp multiplier will be in FYBO FD ??

GL QRP & HPE SU SN, 73/72, Bob

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [1165] Re: KC2 confusion  
Message-ID: <Pine.GS0.3.93.961005152916.16931A-100000@lictor.acsu.buffalo.edu>

The instructions apply if you are using the rig's existing key jack for your paddles.....yes that key jack on the Sierra is a stereo jack and can

be used for a set of paddles. As an alternative you can put an extra stereo jack on the back of the Sierra for use with your keyer paddle. after the first sentence ending in key line....

Add the following

if you cut the traces to the key jack.. you must reconnect the cathode end of D10 to the rig's keyline using a jumper.

As for the Smeter since the sierra has its own Smeter detector you take output from the AF amp using a .047 uF cap. connected to pin 5 of u3 on bottom of PCB.

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
jskalski@acsu.Buffalo.EDU

On Sat, 5 Oct 1996, Dan Presley wrote:

> I'm installing the KC 2 to my Sierra, and have some questions- I checked  
> the Norcal website for corrections. but I'm still confused!(it doesn't take  
> much!).  
> The manual says to cut the keyline connection from the rig to the key  
> jack (pg.6), but in the appendix"e", it says to just connect the line from  
> the kc2 to pad"K" -do I still need to disconnect to keyline to the jack?  
> Shouldn't it stay connected!!? Also, what about the S meter connection? The  
> update says not to use pad "S", but to use an "AF" output-is this still pin  
> 5 of U3, or the "AF" pad on the board? Any help appreciated!  
> Dan N7CQR  
>  
>  
>

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1139] Re: KI4HN's home page  
Message-ID: <32564FE2.2DA1@ix.netcom.com>

charles,

When you get to ARRL home page, you will find a TINY two-line list of options. One is "vanity". Click on that and you will find a number of



things...FCC announcements of gate openings, etc. ... and toward the end of that page a link to KI4HN's vanity page.

If that doesn't help, let me know. I would give you the URL, but he says it may change "any day now"

Phil W7UOX

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [1175] Re: Kite Antennas  
Message-ID: <Pine.SUN.3.91.961005155324.25974A-100000@kitsune.swcp.com>

On Sat, 5 Oct 1996 bfollett@ditell.com wrote:

> Gang:  
>  
> I found an interesting, and detailed approach to flying kite antennas.  
>  
> Check out:  
>  
> [www.kitesantenna.com](http://www.kitesantenna.com)  
>  
> 73, Bob  
> -----  
> Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
> 2861 Estates Dr. VOICE: 801.649.6457  
> Park City, UT 84060 E-mail: bfollett@ditell.com  
>

Hi Bob, first of all congrats on passing your extra! Ive been going to take my extra for years but never get to it. Thanks for the info on the kite page. I'll check it out! I just bought a new kite. Have a good one!  
Tom WB5QYT >

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [1177] Re: Morse Code Software for Macintosh Computer  
Message-ID: <199610052343.QAA26961@primenet.com>

Howdy All,

Sorry if this message is a repeat, but the first one I

sent never made it to the digest. I'll assume it was  
eaten by rabid ice weasels....

-----

Marty (KA1LXG/9) wrote:

> I have a friend who wants to learn the Morse code using his  
> computer. However, I have been unable to locate any software  
> that will run on a Macintosh computer. Does anyone know where  
> I can obtain software he can use? Thanks in advance for your help.

Any of the popular Mac ftp sites (ftp.amug.org,  
sumex-aim.stanford.edu, mac.archive.umich.edu, etc)  
should have plenty of the stuff. In particular, I've  
heard MorseTrainer is good.

Good luck!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: DCrespy@aol.com  
Subject: [1152] Re: NN1G Rigs- perhaps  
Message-ID: <961005124343\_325880654@emout18.mail.aol.com>

Dave,

I am catching up on old E-mail and came across your reply about NN1G rigs. I  
have been delighted with all of your designs and kits, even the "public  
domain" rig that Dan's marketed. Maybe especially this one since it was the  
first kit or project that I'd built in years that actually worked the first  
try. It convinced me to try your others and all have started right up.. I  
have two of the originals (a "MKII" and a "MKIII"), an SW-40 and a GM-30.  
I had no trouble with any of them. Besides being easy to build they are  
easy to operate. Your support of my questions about the rigs has also always  
been timely, thoughtful and thorough. Great work!

I am copying QRP-L ... You deserve some positive press!!

72/73 Harry KG5LO

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [1180] Re: Norcal 40A xtals  
Message-ID: <199610052351.XAA09528@chuck.dallas.sgi.com>

re Steve's post on the Crystal Tester. The board is available for FAR Circuits and mine sits on the desk next to the rig with a 9V battery. I used Doug Hendrick's post on using Augat (sp?) socket pins where the crystal would go to easily slip in/out different crystals.

I have crystals for 3.579, 7.040, 10.106 and 10.116MHz that I use to mark the main QRP freqs on the various dials of the rigs with a simple map dot stick 'em thingy. The technical marketing name is "Mark-It (tm) DOTS" manufactured by Innovative Ideas, Inc.

The crystal tester board has two LEDs, one for power on indicator and another to indicate crystal activity. I disabled both. This greatly reduces power drain on the battery. I placed a wirewrap test pin where the signal out line is to clip on various wire lengths to generate several different signal levels on the receiver(s).

It makes a great tool as a signal generator for peaking receivers after you get them built. Or sometimes just to see if they are working.

FYI  
: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com  
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [1153] Re: Operation Report Suggestion  
Message-ID: <Pine.SUN.3.90.961005094351.28463C-100000@vortex.sage.dri.edu>

On Sat, 5 Oct 1996, Bradley L Mugleston wrote:

> Doug, Paul and Gang  
>  
> Just read the post by Doug - KI6DS and reply from Paul NA5N. Doug  
> suggested we all include our QTH when we post so when we hear about a  
> great contact we know both points of the QS0.....

Oh, and here I thought people used out of area calls and didn't put qth info on post to hide from something! :-)

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1144] Re: Outbacker  
Message-ID: <32565B8F.F95@ix.netcom.com>

Blair, this is not quite on point.

I have an Outbacker (early model) and single band Hamstick-type antennas by ProAm (abt \$20 each vs. \$250 or so for the Outbacker).

Operating mobile, the single-band antennas seem to give my much better results (20 and 40 sideband, 100 watts) than the Outbacker.

For the price of an outbacker you can get one of the Screwdriver antennas which have much higher Q coils and should perform much better, especially on 80/40. Or you could get a Bugcatcher-type for less. I think Lakeview (in NC?) sells those.

Of course, I could be wrong about the Outbacker; maybe others will chime in.

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [1169] Re: Passed the Extra!  
Message-ID: <199610052025.NAA25536@covina.lightside.com>

Congratulations BOB! I know how you feel. I passed mine last month and was on cloud NINE!

Dan Hogan  
West Covina, CA  
dhhogan@lightside.com

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Stan Goldstein <stan@cruzio.com>  
Subject: [1132] Re: power line noise  
Message-ID: <3256016D.10CC@cruzio.com>

Denton Bramwell wrote:

>

> The normal method of finding the noisy insulator(s) that cause the noise is to take about a 10 pound sledge hammer and firmly smack the pole, about a foot or t

Try shakeing the guy wire on the pole if there is one.

If you really want to get the power companies attention.. tell them you see "sparks" from the top of that pole..

Stan , N6ULU

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "John Mouw" <mouw@innet.com>  
Subject: [1138] Re: power line noise  
Message-ID: <199610051050.GAA10304@lucky.innet.com>

An easier way is to get an el-cheapo pocket transister radio with AM. Tune to the low end of the band and walk around until you find the offending pole. I wouldn't let the power company see you whacking a pole with a sledge hammer!!

=====  
John-KD4GIK Dade City, Florida  
Home of Sun, Fun, & Guns!  
=====

-----

> From: Stan Goldstein <stan@cruzio.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Re: power line noise  
> Date: Saturday, October 05, 1996 2:34 AM  
>  
> Denton Bramwell wrote:  
> >  
> > The normal method of finding the noisy insulator(s) that cause the noise is to take about a 10 pound sledge hammer and firmly smack the pole, about a foot or t  
>

>  
> Try shakeing the guy wire on the pole if there is one.  
>  
>  
> If you really want to get the power companies attention.. tell them  
> you see "sparks" from the top of that pole..  
>  
>  
> Stan , N6ULU

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Kerry W. Miller" <kmiller@flash.net>  
Subject: [1143] Re: power line noise  
Message-ID: <2.2.32.19961005125502.0068ff88@pop.flash.net>

At 11:34 PM 10/4/96 -0700, you wrote:

>Denton Bramwell wrote:

>>

>> The normal method of finding the noisy insulator(s) that cause the noise is to take about a 10 pound sledge hammer and firmly smack the pole, about a foot or t

>

>

>Try shaking the guy wire on the pole if there is one.

>

>

>If you really want to get the power companies attention.. tell them

>you see "sparks" from the top of that pole..

BUT, be careful not to stand under the side where the transformer is. Listen for loose hardware rattling around, and get ready to RUN. You can tell the difference in the sound of the hardware on the pole. You'll need an assistant to listen to a receiver. Put the rx on fast agc or you may miss it. We did this a few months ago and all we got was one big spike, but it pegged the meter on the TS-430 in my truck for about a half second.

Also, be discrete, try not to get arrested! If you do, you didnt' hear this from me...

It really is the pwr company's responsiblity, but they don't always know what to do about it. It helps if you can walk around with a portable radio and narrow it down for them.

Good Luck,  
Kerry

```

      \\
      ( )
      ( oo )
|-----oo00--()--00oo-----|
| Kerry Miller                Royse City, TX |
|                                |
|                WD5ABC        |
|-----|
|                                |
|                kmiller@flash.net

```

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
 From: Jeffrey Herman <jherman@hawaii.edu>  
 Subject: [1151] Re: power line noise  
 Message-ID: <Pine.GS0.3.93.961005063346.24696A-100000@uhunix3>

On Sat, 5 Oct 1996, John Mouw wrote:

> An easier way is to get an el-cheapo pocket transister radio with AM. Tune  
 > to the low end of the band and walk around until you find the offending  
 > pole. I wouldn't let the power company see you whacking a pole with a  
 > sledge hammer!!

I see other's are sub'd to more than one list, too! This topic appeared  
 on the TopBand list (devoted to 160m), then moved to the BoatAnchors  
 list shortly after. The best suggestion was to use a pocket aircraft  
 band AM rcvr - better DF capabilities than a bcst band rcvr.

One fellow did bang on the poles with a 10 lb. maul until he found the  
 offending pole (he could hear the noise level go way up), but the  
 majority of folks felt banging on the poles was a bad idea - you might  
 come across a termite-ridden pole that will fall over on you (or someone's  
 house).

7.3W,  
 Jeff KH2PZ / KH6

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
 From: "Denton Bramwell" <denton@cyber-west.com>

Subject: [1160] RE: power line noise  
Message-ID: <01BBB2BB.896BEA40@cyber-west.com>

Banging on the base of the power pole with a 10 lb sledge is exactly what the power companies do.

Denton  
K7OWJ

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Jeffrey Herman <jherman@hawaii.edu>  
Subject: [1166] RE: power line noise  
Message-ID: <Pine.GS0.3.93.961005093224.2281B-100000@uhunix3>

On Sat, 5 Oct 1996, Denton Bramwell wrote:  
> Banging on the base of the power pole with a 10 lb sledge is exactly what  
> the power companies do....

...having thoroughly checked for termites first, of course. Here in Hawaii our poles fall over without having to even bang on them due to termite damage.

KH2PZ / KH6

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "John Mouw" <mouw@innet.com>  
Subject: [1178] Re: power line noise  
Message-ID: <199610052355.TAA25532@lucky.innet.com>

-----  
> From: Denton Bramwell <denton@cyber-west.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: RE: power line noise  
> Date: Saturday, October 05, 1996 2:45 PM  
>  
> Banging on the base of the power pole with a 10 lb sledge is exactly what the power companies do.  
>  
> Denton  
> K7OWJ  
>



Not here. They use a radio RX mounted on a rifle stock with a high gain antenna. They aim it like a gun toward the suspect offender.

73..John KD4GIK in Florida

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Dan Keen <70731.722@CompuServe.COM>  
Subject: [1185] Re: QRP-L digest 502  
Message-ID: <961006000130\_70731.722\_EHM55-1@CompuServe.COM>

Thanks Bob for the tip on Maxwell's book. Ordered 11 am Eastern Time today (Saturday) and got the second-to-last copy (Only one left after mine). Trevoze charged 3 bucks to ship, total was \$23, they take VISA MASTERCHARGE cards.

:)

Dan  
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: ka0yos@arn.net  
Subject: [1128] Re: Receiver Filters  
Message-ID: <199610050518.AAA04153@arnet.arn.net>

At 03:30 PM 10/4/96 -0400, Steve Slavsky wrote:

>

>I have a question concerning the proper way to approach filtering on my  
>receiver. I have a Yaesu FT-840 transceiver which currently has the  
>basic 2.4Khz SSB filter. Now that I'm spending a lot more time on QRP  
>CW, this is obviously kind of wide. Even with the notch filter, RIT and  
>fairly sensitive ears, I'm having trouble separating weak signals,  
>especially on 80 and 40 meters. Before I get a SCAF, DSP or some other  
>external filter, should my first step be to get the 500hz internal  
>filter? From what I've read on the list, this would be the right move,  
>but I want to make sure. I also don't quite understand, if I do get the  
>internal filter, how does an external audio filter help unless it goes  
>below 500hz? Or should I skip the internal and go directly to the  
>external one??

>

>I can't afford the higher priced DSPs, so they are not really an option.  
>The RS one is a cheap solution, as is the OHR SCAF, but I have a feeling  
>neither will be sufficient without the internal filter.

>  
>This may not be of interest to others on the list, so direct replies are  
>appreciated.  
>  
>Thanks & 72/73,  
>  
>Steve, N4EUK  
>Reston, VA  
>EMPS - QS0s=1, S=1, Conf=1 N/T+=1 (Almost hate to mess up a perfect  
>record by working any more :-).  
>  
Steve,

The earlier in the chain the better for filters is the general rule, but if you cannot afford an IF filter or it is unavailable for your radio you may want to try the following:

I've had great deal of luck with "An active CW Filter you can Build" from October 1992 QST. It is a SCAF that is not as flexible as the OHR, but can be built cheap! Outboarding the frequency adjust pot really helps on this one. I used ot to reach ZR0 - 9 on OSCAR 13.

72,  
Joe

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1142] Re: Receiver Filters  
Message-ID: <325659DE.2C28@ix.netcom.com>

Joe, I have the OHR SCAF and the QST article. So far as I can tell there are NO differences.

Phil W7UOX

p.s. -- a wonderful filter! Really adds to my enjoyment of the Sierra.

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
Subject: [1148] RE: Scavenging old TVs (was Re: NN1G Rep  
Message-ID: <Pine.OSF.3.95.961005094154.26949A-100000@duke.usask.ca>

As a newbie to HAM radio I am interested in scavenging old TV's and I am

especially interested in not getting killed or hurt. Would someone be willing to describe in DETAIL for me how to ground a picture tube. I think this would be of value to other newbies on the list. I know some mentioned the high voltage terminal. Is this the one to the fly-back? For those of you who might feel I am wasting bandwidth I apologize but this sounds important and I want to get it right.

Brian.

```
+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+-----+
```

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: kd1jv@juno.com (STEVEN WEBER)  
Subject: [1187] RE: TV CRT HV  
Message-ID: <19960910.204324.5471.2.KD1JV@juno.com>

I work on these every day, so forgot others might not know...

Clip an alligator jumper lead to the bare braided wire around base of tube, clip other end to insulated flat blade screw driver. Slide screwdriver under big red plastic cap near top center tube. Thick red wire goes from cap to the HV transformer, big black thing on back edge of board. DON'T CUT THAT WIRE TILL YOU DISCHARGE THE TUBE!

If tube has charge on it, you will hear a snap. Wait a few seconds and do it again, maybe even a third time.

I find that the charge will have leaked off of a lot of old sets that have sat around awhile, if the HV transformer is bad. However, DON'T RISK IT!. It only takes a few seconds to make sure! And believe-me-you, a hit from a pic tube will be remembered for a while! I still remember the one I got as a kid, before knew any better.

If you want, brake the neck off the tube with a hammer , (after the discharge procedure) and you don't have to worry about the tube imploding. AS always, wear eye protection and gloves just in case..... A firm tap will do it, don't have to slam it too hard. It's best to leave the tube in the cabinet, just remove the guts, put the back cover back

on and dispose on the side of a dirt road, late at night (Just kidding, you better not do that, dispose in a hole dug in your backyard :-)

Be wise, be safe....

de KD1JV, Steve in NH

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Alan Kaul <kaul@netcom.com>  
Subject: [1145] Re: TwoFer History  
Message-ID: <Pine.3.89.9610050842.A5964-01000000@netcom22>

Mike Bryce, WB8VGE ((I think his call is)), wrote it up in 73 QRP column back in late 1987 or early 1988, then sold boards and parts kits. He was a developer in conjunction with a couple of other hams.

I still have two of them. In the 20M version, I substituted a bigger final transistor (exactly what unknown) that I took out of an old CB rig and it gives me around 4W output. Lately, I've been thinking about changing to a colorburst crystal, building a 5-section output filter, and using it on 80M. The biggest problem is the oscillator runs full time.

File this under ''old QRP rigs never die, they just get modified!!''

72/73 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996  
From: Phil Wheeler <pcw12@ix.netcom.com>  
Subject: [1140] Re: VBT usage  
Message-ID: <3256536F.1F01@ix.netcom.com>

Agree, Chuck. I have it in my NC-40A and my Sierra, and don't use it much.

OTOH, I really make use of the SCAF (kit from OHR). Really pulls the signals out of the mud when needed and NO ringing. In tightest setting it can separate the mark and space on a RTTY signal. If you haven't tried it you might want to (especially with the group buy someone announced recently).

By the way -- I have no association with OHR, other than as a consumer.

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Sat Oct 5 23:11:26 1996

From: "Denton Bramwell" <denton@cyber-west.com>

Subject: [1198] RE:whiterook paddle

Message-ID: <01BBB2FE.D2883600@cyber-west.com>

I just received my Whiterook paddle, and can enthusiastically say that =  
it is well worth the price. It is small, lightweight, and make =  
ingenious use of basic materials.... and, dang, it looks so cute. Mine, =  
however, underwent a couple of quick mods before being placed in =  
service. The center contact is aluminum, which is not suitable as an =  
electrical contact, so I replaced mine with brass, ground down the heads =  
of the screws that serve as dot and dash contacts, and .... =  
carefully!.... so as not to get solder on the contact surface..... =  
soldered a small piece of silver plated switch contact material on the =  
center contact and on both the dot and dash contacts. BTW, I have =  
bunches of switch parts for making up rotary switches.... no, I won't =  
rebuild rotary switches with it, but I will give anybody who wants some =  
contact material enough to redo the paddles, in return for an SASE.

Denton

K7OWJ